



COMMONWEALTH of VIRGINIA
DEPARTMENT OF FORENSIC SCIENCE

CENTRAL LABORATORY
A Nationally Accredited Laboratory

700 NORTH 5TH STREET
RICHMOND, VIRGINIA 23219
(804) 786-6971

CERTIFICATE OF INSTRUMENT ACCURACY

INSTRUMENT: Intox EC/IR II
SERIAL NUMBER: 010502
CERTIFICATION DATE: December 26, 2013
DATE RECERTIFICATION DUE: June 24, 2014

The above listed instrument was found to meet all requirements for accuracy and performance established by the Department of Forensic Science. This certification is valid from the above listed certification date until the above listed date for recertification.

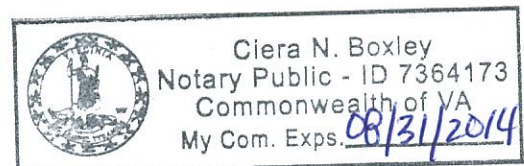
Timmy L. Neece, Jr.
Forensic Scientist

CITY OF RICHMOND
COMMONWEALTH OF VIRGINIA

The foregoing was acknowledged before me this 30th day of December, 2013 by Timmy L. Neece, Jr.

Ciera N. Boxley, Notary Public

My commission expires: August 31, 2014



**Department of Forensic Science
Breath Alcohol Section
Instrument Maintenance History
1/1/1990 To 12/26/2013**

JMS
TLW

Instrument Serial Number:	010502	As of 26-Dec-13
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Maintenance	Certification	Technician	
Date	Date	Initials	Remarks
26-Dec-13	26-Dec-13	HMS (18910)	REPLACED PRINTER RIBBON, CERTIFIED
18-Jul-13	18-Jul-13	MMB (26417)	FIRMWARE/SOFTWARE UPGRADE. CALIBRATED AND CERTIFIED. REPLACED DRY GAS STANDARD.
06-Feb-13	06-Feb-13	DBH (21250)	CERTIFIED.
22-Aug-12	22-Aug-12	DBH (21250)	CERTIFIED. REPLACED DRY GAS STANDARD.
08-Mar-12	08-Mar-12	DBH (21250)	CERTIFIED. REPLACED DRY GAS STANDARD.
16-Nov-11	16-Nov-11	DBH (21250)	CERTIFIED
21-Sep-11	21-Sep-11	SED (24178)	CERTIFIED.
11-Apr-11	11-Apr-11	RJP (22428)	CERTIFIED.
27-Oct-10	27-Oct-10	RJP (22428)	CERTIFIED.
05-May-10	05-May-10	RJP (22428)	REPLACED DRY GAS STANDARD. CERTIFIED
12-Nov-09	12-Nov-09	RJP (22428)	CERTIFIED
02-Jun-09	02-Jun-09	RJP (22428)	FIRMWARE/SOFTWARE UPGRADE. CERTIFIED.
18-Dec-08	18-Dec-08	HMS (18910)	CERTIFIED.
26-Nov-08	26-Nov-08	NMJ (22392)	CALIBRATED, CERTIFIED AND ACCEPTED.

Handwritten initials/signature in the top right corner.

INTOX EC/IR II
Quality Assurance Worksheet

Instrument Serial Number 010502 Worksheet Start Date 12/26/2013

Location Petersburg Police Department

Address 37 E. Tabb St., Petersburg, VA 23803

DFS Technician Heather Stanton License No. 18910

☐ Laboratory ☒ On-Site

Site Specification: No detrimental environmental conditions exist. ☒

Instrument Barometer (mm HG) 768 Reference Barometer (mm HG) 767

Reference Barometer(RB)Serial # 009113 RB Calibration Due 5/8/2014

Measurement Assurance Check

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.306
0.300	0.303	0.293	0.312	Sample 2	0.306
Precision		sample min	sample max	Sample 3	0.306
0		0.306	0.306		

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.101
0.100	0.101	0.097	0.104	Sample 2	0.101
Precision		sample min	sample max	Sample 3	0.101
0		0.101	0.101		

Dry gas standard Lot No. (with tank no.) AG316301-17

☐ Replaced dry gas standard (+O-ring)

☐ Installed at Location

☐ Removed to DFS-Central

Supplies

Mouthpieces

Certificates of Analysis

Operator Worksheet

Other:

50

50

Notes:

Replaced printer ribbon.

Instrument Serial Number

010502

Certification Date

12/26/2013

☐ Calibrated☒ Certified☒ Measurement Assurance Check☒ Instrument Test☐ Troubleshooting/Maintenance Worksheet Completed

(Successful completion denotes satisfactory condition of the item.)

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.252
0.250	0.252	0.244	0.259	Sample 2	0.252
Precision		sample min	sample max	Sample 3	0.252
0		0.252	0.252		

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.152
0.150	0.151	0.146	0.155	Sample 2	0.152
Precision		sample min	sample max	Sample 3	0.151
0.001		0.151	0.152		

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.081
0.080	0.081	0.078	0.084	Sample 2	0.081
Precision		sample min	sample max	Sample 3	0.081
0		0.081	0.081		

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.019
0.020	0.020	0.017	0.023	Sample 2	0.019
Precision		sample min	sample max	Sample 3	0.020
0.001		0.019	0.020		

All measurements are in g/210L

Estimation of Uncertainty of Measurement and traceability records are located within the Breath Alcohol Section

DFS Technician



Date

12/26/13

Issuing Analyst



Date

12/27/13



HMS
TLV

Intox EC/IR-II: Certification

Department of Forensic Science

Serial Number: 010502 Test Number: 753
Test Date: 12/26/2013 Test Time: 12:44 EST

Technician Initials: HMS

Dry Gas Target: 0.252

Lot Number: 2961225012-08 Exp Date: 11/01/2014

Tank Pressure: 110 psi Barometric Pressure: 767 mmHg

System Check: Passed

Test	g/210L	Time
DIAG	Pass	12:44
BLK	0.000	12:45
CHK	0.252	12:46
BLK	0.000	12:47
CHK	0.252	12:48
BLK	0.000	12:49
CHK	0.252	12:50
BLK	0.000	12:52

Success

Standard Value (at sea level): 0.250 g/210L

Certification Status: Continued

Replaced printer ribbon.

HMS
12/26/13

KMS
TLW

Intox EC/IR-II: Certification

Department of Forensic Science

Serial Number: 010502 Test Number: 754
Test Date: 12/26/2013 Test Time: 12:57 EST

Technician Initials: HMS

Dry Gas Target: 0.151

Lot Number: 29512150I2-02 Exp Date: 11/01/2014

Tank Pressure: 389 psi Barometric Pressure: 767 mmHg

System Check: Passed

Test	g/210L	Time
DIAG	Pass	12:57
BLK	0.000	12:58
CHK	0.152	12:59
BLK	0.000	13:00
CHK	0.152	13:01
BLK	0.000	13:02
CHK	0.151	13:03
BLK	0.000	13:04

Success

Standard Value (at sea level): 0.150 g/210L

Certification Status: Continued

HMS
TLW

Intox EC/IR-II: Certification

Department of Forensic Science

Serial Number: 010502 Test Number: 755
Test Date: 12/26/2013 Test Time: 13:06 EST

Technician Initials: HMS

Dry Gas Target: 0.081

Lot Number: 0771308012-04 Exp Date: 05/01/2015
Tank Pressure: 536 psi Barometric Pressure: 767 mmHg
System Check: Passed

Test	g/210L	Time
DIAG	Pass	13:07
BLK	0.000	13:07
CHK	0.081	13:08
BLK	0.000	13:09
CHK	0.081	13:10
BLK	0.000	13:11
CHK	0.081	13:12
BLK	0.000	13:13

Success

Standard Value (at sea level): 0.080 g/210L

Certification Status: Continued

AMS
TLW

Intox EC/IR-II: Certification

Department of Forensic Science

Serial Number: 010502 Test Number: 756
Test Date: 12/26/2013 Test Time: 13:15 EST

Technician Initials: HMS

Dry Gas Target: 0.020

Lot Number: 0771302011-04 Exp Date: 05/01/2015

Tank Pressure: 639 psi Barometric Pressure: 767 mmHg

System Check: Passed

Test	g/210L	Time
DIAG	Pass	13:15
BLK	0.000	13:16
CHK	0.019	13:17
BLK	0.000	13:18
CHK	0.019	13:19
BLK	0.000	13:20
CHK	0.020	13:21
BLK	0.000	13:22

Success

Standard Value (at sea level): 0.020 g/210L

Certification Status: Success

HMS
TL✓

Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 010502 Test Number: 757

Test Date: 12/26/2013 Test Time: 13:24 EST

Dry Gas Target: 0.303

Lot Number: AG322702-08 Exp Date: 08/15/2015

Tank Pressure: 306 psi Barometric Pressure: 767 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	13:25
CHK	0.306	13:26
BLK	0.000	13:27
CHK	0.306	13:28
BLK	0.000	13:30
CHK	0.306	13:31

Test Status: *Success*

Calibration CRC: C5BC74FA

AMS
TLW

Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 010502 Test Number: 758

Test Date: 12/26/2013 Test Time: 13:34 EST

Dry Gas Target: 0.101

Lot Number: AG316301-17 Exp Date: 06/12/2015

Tank Pressure: 953 psi Barometric Pressure: 767 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	13:35
CHK	0.101	13:36
BLK	0.000	13:37
CHK	0.101	13:38
BLK	0.000	13:39
CHK	0.101	13:40

Test Status: *Success*

Calibration CRC: C5BC74FA

AMS
TLW




COMMONWEALTH OF VIRGINIA
DEPARTMENT OF FORENSIC SCIENCE

CERTIFICATE OF BLOOD ALCOHOL ANALYSIS
AS DETERMINED BY A CHEMICAL TEST OF THE ACCUSED'S BREATH

NAME OF ACCUSED INSTRUMENT, TEST,	NAME OF COURT DFS
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BREATH ANALYSIS

SAMPLE EXAMINED AND TEST CONDUCTED BY STANTON, HEATHER, M		AGENCY DFS Central Lab
DFS LICENSE NUMBER 18910	LICENSE EXPIRES 10/01/2014	DATE TEST CONDUCTED 12/26/2013
TEST EQUIPMENT NUMBER 010502		

RESULTS: TIME SAMPLE TAKEN 13:48 EST

SAMPLE'S ALCOHOL CONTENT 0.00 GRAMS PER 210 LITERS OF BREATH

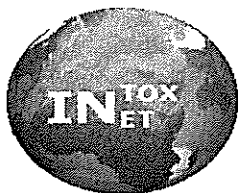
ATTEST:

I CERTIFY THAT THE ABOVE IS AN ACCURATE RECORD OF THE TEST CONDUCTED; THAT THE TEST WAS CONDUCTED WITH THE TYPE OF EQUIPMENT AND IN ACCORDANCE WITH THE METHODS APPROVED BY THE DEPARTMENT OF FORENSIC SCIENCE; THAT THE TEST WAS CONDUCTED IN ACCORDANCE WITH THE DEPARTMENT'S SPECIFICATIONS; THAT PRIOR TO ADMINISTRATION OF THE TEST THE ACCUSED WAS ADVISED OF HIS RIGHT TO OBSERVE THE PROCESS AND SEE THE BLOOD ALCOHOL READING ON THE EQUIPMENT USED TO PERFORM THE BREATH TEST, AND THAT I POSSESS A VALID LICENSE TO CONDUCT SUCH TEST, GIVEN UNDER MY HAND THIS _____ DAY OF _____, 20_____.

BREATH TEST OPERATOR

☐ I HAVE RECEIVED A COPY OF THIS CERTIFICATE OF ANALYSIS _____
SUBJECT'S SIGNATURE

☐ SUBJECT REFUSED TO SIGN FOR COPY OF CERTIFICATE OF ANALYSIS _____
OPERATOR'S SIGNATURE



IntoxNet MIS Report

Report Generated 26 Dec 2013 at 14:58

AND
TLN

Test Results

Instrument Serial Number 010502

Test # 000759 Subject Test

Test Location 1 Department of
Test Date 26 Dec 2013

Test Location 2 Forensic Science
Test Time 13:41
Remote/Local Local

Test Location 3
System Check Passed

Operator's Last Name STANTON
Agency DFS Central Lab

Operator's First Name HEATHER

Operator's Middle Initial M
License Number 18910

Card Serial Number 118910

Effective Date 10/01/2012

Expiration Date 10/01/2014

Subject's Last Name INSTRUMENT

Subject's First Name TEST

Subject's Middle Initial

Subject's Date of Birth 00/00/0000

Subject's Sex Male

Driver's License Number

Driver's License Expiration 00/00/0000

Driver's License State

Court Name DFS

End Date 26 Dec 2013 End Time 13:49

Result Time 13:48

Result Date 26 Dec 2013 Result 0.00

Data Type DIAG

Sample Value Pass

Sample Time 13:42

Data Type BLK

Sample Value 0.000

Sample Time 13:42

Data Type CHK

Sample Value 0.100

Sample Time 13:43

Data Type BLK

Sample Value 0.000

Sample Time 13:45

Data Type SUBJ

Sample Value 0.000

Sample Time 13:45

Data Type BLK

Sample Value 0.000

Sample Time 13:46

Data Type SUBJ

Sample Value 0.000

Sample Time 13:48

Data Type BLK

Sample Value 0.000

Sample Time 13:49

Standard Type Dry Gas Std

Standard Value 0.101

Standard Lot Number AG316301-17

Standard Expiration Date 06/12/2015

Tank Pressure 943

Barometric Pressure 767 mmHg

Blow Sample Number 1 Blow Duration 3.31 sec

Blow Volume 1797 cc End-of-Blow Time 13:45

Blow Sample Number 2 Blow Duration 3.28 sec

Blow Volume 1773 cc End-of-Blow Time 13:48

Tamper Evident Stamp c790a6cc

Test Status Code 0

Test Status Success